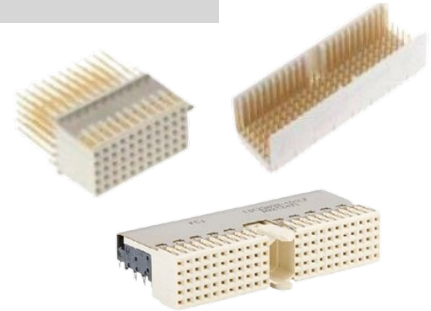


Amphenol FCI Basics Millipacs® is a 2.00 mm modular board to board Reliable Interconnection system in hardmetric (HM) engineering standard IEC 61076-4-101 and IEC 917-2-2 configuration. Millipacs® is one of the industry's most popular backplane connector range system with comprehensive architecture having wide range of positions and configuration

# Millipacs®



Modular	Comprehensive Architecture	Reliability
Offered in Signal, Power and Hybrid configuration	Mezzanine, Backplane, Co planar	Tulip based contact
Stackable without loss of position	Different stack height in mezzanine range	Equalized signal path, two point contacts for reliability
Offered in current rating from 1A for signal to Power upto 40A	Largest range of FMLB contact length for headers	Superior to shock and vibration with single side bifurcated beam on blade



## Features

- Modular and Scalable
- Receptacle Contact- Tulip type
- Three levels of mating contact lengths and different terminal lengths for headers
- Top and bottom Shielding Options
- Stamped contacts for receptacles

## Benefits

- Standard Modular length, without any loss of position
- Equalized signal path and Contact reliability
- Suitable for various applications with different PCB thickness, rear plug-up (RPU) applications and hot swapping with customization of loading patterns
- EMI Protection
- Accurate true positioning

## Millipacs standard configurations

Header	Receptacle	Pin Count	Termination	Current Rating	Data Rate
HM2P78PD5111NgLF (5R, Type B8)	HM2R78PA5108NgLF (5R, Type B8)	40 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2J09PE5111NgLF (5R, Type C)	HM2R03PA5108NgLF 5R, Type C)	55 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2P07PD5111NgLF (5R, Type A)	HM2R01PA5108NgLF (5R, Type A)	110 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2P65PD5111NgLF (5R, Type AB)	HM2R65PA5108NgLF (5R, Type AB)	125 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2P88PD8111NgLF (8R, Type E)	HM2S88PE8101NgLF (8R, Type E)	200 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2J09PE5111NgLF (5R, Type C)	HM2R03PA5108NgLF 5R, Type C)	55 signal pins	Pressfit	1.5 A per pin	3.125 Gbps
HM2S05PE5101NgLF (5R, Type M)	HM2P11PD5111NgLF (5R, Type M)	55 signal 3 power pins	Pressfit	Signal 1.5 A per pin Power- upto 40 A per pin	Signal- 3.125 Gbps Power- NA

## Applications

### Energy Management

Protection Relay,  
Energy Monitoring Devices,  
Data Transmission

### Industrial Instrumentation

Semiconductor Testing,  
Board Testing,  
Storage Testing

### Factory Automation

Drives, PLC,  
Control & Automation Systems,  
Process Analytics & Controllers

### Medical

Ultra Sound Scanners,  
Patient Monitoring Equipment,  
Medical Imaging, Ventilators

### Mil-Aero

On Board Computing,  
Electronic Engine Control  
Units

### Transportation

Embedded Computers,  
Automatic Train Control  
Devices, Signal Status  
Monitoring Devices